

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/31/2008. GPO 2007-088
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	N/A
		Filing Date	06/20/2003
		First Named Inventor	Stewart
		Group Art Unit	N/A
		Examiner Name	N/A
		Attorney Docket Number	LIT-132/000098-199
Sheet	1	of	2

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	N/A
				Filing Date	06/20/2003
				First Named Inventor	Stewart
				Group Art Unit	N/A
				Examiner Name	N/A
(use as many sheets as necessary)				Attorney Docket Number	LIT-132/000098-199
Sheet	2	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	V. Chandrasekaran, E. Chow, T. Kenny, T. Nishida, L. Cattafesta, B. Sankar & M. Sheplak; THERMOELASTICALLY ACTUATED ACOUSTIC PROXIMITY SENSOR WITH INTEGRATED THROUGH-WAFER INTERCONNECTS; 06/2002; 6 pgs.; Solid-State Sensor, Actuator and Microsystems Workshop; University of Florida, Gainesville, FL 32611-6250		
	C2	"PIEZOELECTRIC"; http://www.techweb.com/encyclopedia/defineterm?term=piezoelectric ; TechEncyclopedia; Computer Language Company, 5521 State Park Road, Point Pleasant, PA 18950; 1 pg.; 07/23/02.		
	C3 ✓	"dither"; http://www.dictionary.com/search?q=profile ; Lexico, LLC; Lexico, LLC, 13428 Maxella Avenue #236, Marina del Rey, CA 90292; 2 pgs.; 07/23/02.		
	C4 ✓	"actuate"; http://www.dictionary.com/search?q=profile ; Lexico, LLC; Lexico, LLC, 13428 Maxella Avenue #236, Marina del Rey, CA 90292; 1 pg.; 07/23/02.		
	C5 ✓	"transverse"; http://www.dictionary.com/search?q=profile ; Lexico, LLC; Lexico, LLC, 13428 Maxella Avenue #236, Marina del Rey, CA 90292; 1 pg.; 07/23/02.		
	C6 ✓	"electrostatic"; http://www.dictionary.com/search?q=profile ; Lexico, LLC; Lexico, LLC, 13428 Maxella Avenue #236, Marina del Rey, CA 90292; 1 pg.; 07/23/02.		
	C7	"Joule heating, Kelvin (k), latent heat, lattice, laws of thermodynamics"; Glossary; http://www.uni.uiuc.edu/~hchiang/chem/glossary.html ; 1 pg.; 07/23/02.		
	C8	"convergence, coriolis force, coulomb, cryosphere, cumulonimbus (Cb)"; Mount Washington Observatory: Glossary of Weather Terms; http://www.mountwashington.org/glossary/glosc.html ; 1 pg.; 07/23/02.		
	C9	"efficiency, frequency, hydrophone, hydrophone directivity, kHz (kilohertz), level sensor, main lobe, maximum response axis, omnidirectional, open circuit voltage, piezo-electric ceramic, pinger, projector, proximity sensor, receiver, resonant frequency, ringing, side lobe"; ITC Glossary of Transducer Terms; http://www.itctransducers.com/168-0006.htm ; 1 pg.; 07/23/02.		
	C10	"thermodynamcis, thermoelastic, thiol, tight-receptor structures, transition state, transition state theory"; Glossary T; http://www.foresight.org/Nanosystems/glossary/glossary_t.html ; 1 pg.; 07/23/02.		
	C11	"nodal point, oscilation"; http://www.dictionary.reference.com/search?q=nodal%20point and http://www.dictionary.reference.com/search?q=oscillation ; Lexico, LLC; Lexico, LLC, 13428 Maxella Avenue #236, Marina del Rey, CA 90292; 4 pgs.; 04/14/03.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.